

## Rabbit GYS2 Polyclonal Antibody | anti-GYS2 antibody

GYS2 antibody - middle region

| CATALOG # | HOST   | REACTIVITY                                                             | APPLICATIONS |
|-----------|--------|------------------------------------------------------------------------|--------------|
| AAA199609 | Rabbit | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish | Western Blot |

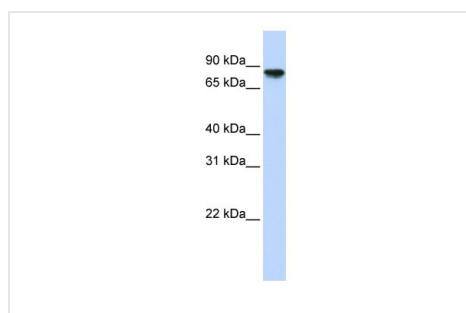
### PRODUCT SYNONYMS

GYS2; Polyclonal Antibody; GYS2 antibody - middle region; anti-GYS2 antibody

### PRODUCT SPECIFICATIONS

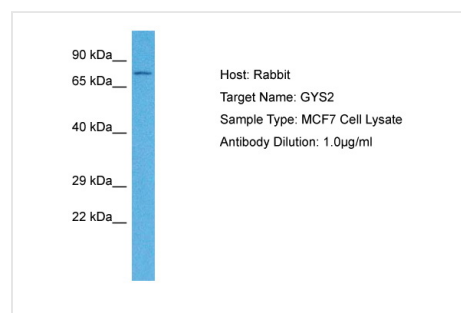
|                                                |                                                                                                                                                       |
|------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                |
| Reactivity                                     | Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat, Zebrafish                                                                                |
| Clonality                                      | Polyclonal                                                                                                                                            |
| Purity/Purification                            | Affinity Purified                                                                                                                                     |
| Form/Format                                    | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.                                                     |
| Sequence                                       | Synthetic peptide with the following region: TL SRAFPDKFHV ELTSPPTTEG FKYP RPSSVP PSPSGSQASS PQSSDVED                                                 |
| Sequence Length                                | 703                                                                                                                                                   |
| Applicable Applications for anti-GYS2 antibody | WB (Western Blot)                                                                                                                                     |
| Homology                                       | Cow: 93%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 100%; Zebrafish: 93%                        |
| Immunogen                                      | The immunogen is a synthetic peptide directed towards the middle region of human GYS2                                                                 |
| Preparation and Storage                        | For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



#### WB (Western Blot)

WB Suggested Anti-GYS2 Antibody Titration: 0.2-1 ug/ml  
ELISA Titer: 1:312500  
Positive Control: Human Muscle



#### WB (Western Blot)

Host: Rabbit  
Target Name: GYS2  
Sample Tissue: Human MCF7 Whole Cell  
Antibody Dilution: 1ug/ml

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-GYS2 antibody | <p>This is a rabbit polyclonal antibody against GYS2. It was validated on Western Blot using a cell lysate as a positive control.</p> <p>Target Description: GYS2 transfers the glycosyl residue from UDP-Glc to the non-reducing end of alpha-1,4-glucan. Defects in GYS2 are the cause of glycogen storage disease type 0 (GSD0).</p> |
| Product Categories/Family for anti-GYS2 antibody   | Polyclonal; Drugs and Drug Metabolism; Disease Related                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                   |
|----------------------------------|-----------------------------------|
| NCBI GI #                        | 119372286                         |
| NCBI GeneID                      | 2998                              |
| NCBI Accession #                 | NP_068776                         |
| NCBI GenBank Nucleotide #        | NM_021957                         |
| UniProt Accession #              | P54840                            |
| Molecular Weight                 | 81kDa                             |
| NCBI Official Full Name          | glycogen                          |
| NCBI Official Synonym Full Names | glycogen synthase 2               |
| NCBI Official Symbol             | GYS2                              |
| NCBI Protein Information         | glycogen [starch] synthase, liver |
| UniProt Protein Name             | Glycogen [starch] synthase, liver |
| UniProt Gene Name                | GYS2                              |
| UniProt Entry Name               | GYS2_HUMAN                        |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gys2-antibody-western-blot-elisa/199609>